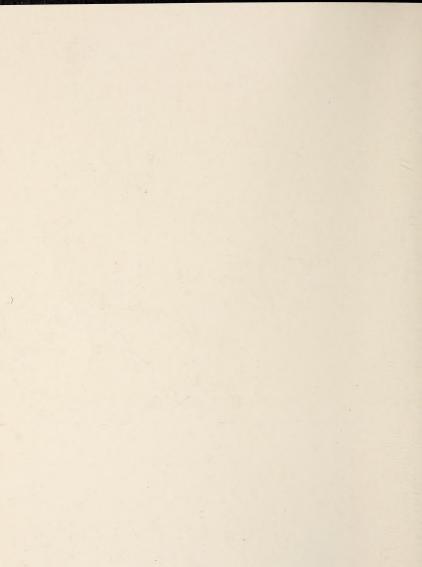




The Story of Class,
The Mountain San
for 1927



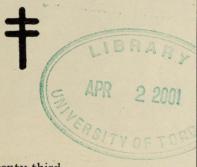
THE STORY OF

THE MOUNTAIN SAN

for 1927

As Operated and Supported by

THE HAMILTON HEALTH
ASSOCIATION



Twenty-third

Annual Report



A View of the Long & Bisby Nurses' Home at the Brow.

MOUNTAIN SANATORIUM

WHAT IT IS WHAT IT IS DOING WHAT IT AIMS TO DO

The Mountain Sanatorium is an institution for the treatment of all forms of Tuberculosis.

It is maintained and operated by the Hamilton Health Association.

This Association has a voluntary membership of over 800 from which is chosen its officers and a Board of Directors, and with which is associated a Ladies' Auxiliary Board.

The Hamilton Health Association is non-political, non-sectarian, and is closely associated with all other organizations working for the betterment of living conditions in Hamilton and District.

The operation of the Sanatorium is only one phase of the work of the Association, the real aim of this work being the organization of the community in a united and scientific effort to stamp out the dread disease—tuberculosis.

Other activities Directed to This End Are:

- 1. Conducting clinics to assist in the discovery of patients suffering from tuberculosis.
- 2. A Social Service Department, in which a visiting nurse, on the staff of the Hamilton Department of Health, follows up suspect cases, and keeps ex-patients under observation to safeguard against the recurrence of active disease.
- 3. Educational work with the general public, to inform them as to the dangers of the disease, and the opportunities for its control and eradication.

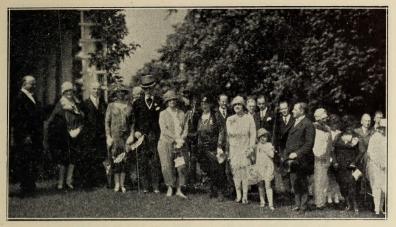
- 4. Active co-operation with the school medical inspection departments of the City of Hamilton and the County of Wentworth, with the General Hospital and St. Joseph's Hospital, and all other local health organizations.
- 5. Active co-operation with the Canadian Tuberculosis Association, which is a nation-wide organization, and is purely educational in its activities. The Canadian Red Cross is also associated in this work.

Some results of the work as shown by comparative figures:

- 1. In 1906, Hamilton, with a population of 60,000, had 70 deaths from pulmonary tuberculosis, and 75 deaths from all forms of tuberculosis, this being a rate of 125 per 100,000.
- 2. In 1909 the rate was considerably higher, there being a total of 105 deaths, with a population of 67,000. This is an actual rate per 100,000 of 175.
- 3. The lowest annual rate occurred in 1924, with 53 deaths in a total population of 121,000, giving an actual rate per 100,000 of 44.
- 4. Since 1924 there has been a gradual increase in mortality figures until last year the rate was 51.2 per 100,000. This year there is the same total number of deaths, but with a slight increase in the total population, the figures are 49.5 per 100,000.

NATURE OF CASES TREATED

1. All types of tuberculosis are accepted for treatment, the only question being whether the patient needs the assistance of the Sanatorium, either in the struggle against disease or in the effort to avoid infecting others.



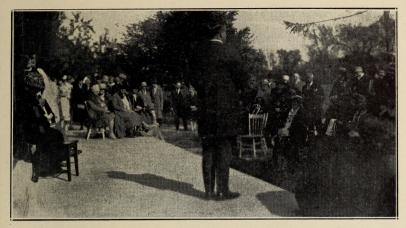
Lord and Lady Willingdon and Party Visiting the San.

- 2. Children are cared for in the Preventorium, and only children in the early, non-infectious stage, before positive sputum has appeared, are placed in this building. Children are kept apart from adult cases and no parent need have any fear that their children will be exposed to fresh infection while under treatment.
- 3. The most suitable cases of adults for successful treatment are cases of early or incipient or minimal tuberculosis. Our Annual Reports year after year show that most early cases make a complete recovery, but that very few advanced cases can recover completely, and nearly all the deaths come from the cases that are far advanced before they start sanatorium treatment.
- 4. While no sanatorium can cure incurable cases, yet even here the sanatorium can be of assistance in lessening the spread of tuberculosis, especially when children are in the home with the advanced case, and we believe also, that the Sanatorium can help the hopeless cases to pass their last days more comfortably.



Sir John Gibson and Mr. J. J. Evel on a visit to the San.

5. There is only one type of case that we are not anxious to admit, this being the case that is rushed to the Sanatorium in a morbid condition. This happens chiefly in the case of families who will not face the fact that tuberculosis is present when it is in an early and curable stage. Then, after a fairly long period of time, extending sometimes to two or three years, when the patient finally becomes critically ill, it frequently happens that both patient and relatives become most anxious to try sanatorium treatment, and frequently the patient is made worse and hardly survives the trip to the Sanatorium. The unfortunate part in these cases is that the patient has remained in the home for a long time without taking proper precautions for the spread of the disease, with the result that great risk has already been run by those who have been in contact with the patient. It would seem, when the patient has reached such an advanced stage that death is imminent, that a better plan would be to engage a special nurse for the last few days of the patient's life.



Mayor Treleaven addressing the Gathering at Opening of Empire Pavilion

6. However, even these advanced cases are never refused admission, but all our agencies in sanatorium and clinic are continuously working to discover the patient with the early disease when it is still possible both to cure the patient and to prevent infection of other members of the family or home. This is the policy that has led to the very satisfactory result that now exists in Hamilton. Our experience tells us that this is the only proper course for all municipalities to follow.

How Patients are Maintained at the Sanatorium

The Hamilton Health Association is responsible for the financing of the capital account of the Mountain Sanatorium, and it is through donations to this fund that the present institution has been erected and equipped, and is now available for patients who require treatment for tuberculosis.

Donations, unless so indicated, do not go towards the maintenance of patients, there being other provisions for maintenance, once the Sanatorium is established, as provided by provincial legislation.

Maintenance, for those not able to pay the full cost of private patients, is provided for according to provincial statutes by:

- 1. A provincial grant now fixed at 75 cents per day.
- 2. A municipal grant not to exceed \$1.50 per day.

The former grant is always paid by the provincial government, but the latter is only paid by the municipality after the proper official has investigated the case, and decided the amount the patient can pay, the municipality becoming responsible for the balance of the rate of \$1.50 per day.

As many patients under-estimate the length of time that will be required for their treatment, they may be willing, when applying to the Sanatorium for treatment, to accept full responsibility for the total rate of maintenance (\$1.50 per day).

On the other hand, the Sanatorium frequently finds that after the patient has been in residence for several months his funds have run out, and frequently in these cases conditions have changed so that it is impossible to secure the necessary financial assistance from any municipality, thus working a great hardship to both the patient and the Sanatorium. The new provincial legislation makes it much easier to determine responsibility in these cases, for the act states that the municipality in which the patient had lived for three out of five months prior to admission to hospital or sanatorium, is responsible for the maintenance of the patient.

In order, therefore, that the municipality may have full knowledge of every case for which they may later be responsible, we are admitting patients from outside municipalities only on the order of an official of that municipality. This plan is proving of great advantage from two standpoints: First, that

needy cases who are inclined to assume responsibility that they cannot carry are enabled to interview the officials, who are in a position to give them the necessary assistance. Second, this plan brings to the attention of the officials of the municipality that the responsibility for the tuberculosis problem in their own district is placed by statute upon their own shoulders.

We believe that as soon as this fact is generally realized and this responsibility is accepted, tuberculosis in rural districts can very soon be reduced to almost a negligible factor, instead of as at present being more prevalent than in the cities.

Population and Mortality from Tuberculosis in the City of Hamilton

| Year | Population | Mortality Pulmonary Consumption | Mortality Surgical Tuberculosis | Total | Rate per 100,000 Population |
|--------|------------|---------------------------------------|---------------------------------------|-------|-----------------------------------|
| 1905-6 | 59,543 | 70 | 5 | 75 | 125.9 |
| 1909 | 66,967 | 91 | 14 | 105 | 175. |
| 1910 | 70,221 | 71 | 10 | 81 | 115.5 |
| 1911 | 73,542 | 52 | 15 | 67 | 97.1 |
| 1912 | 82,095 | 69 | 12 | 81 | 101.2 |
| 1913 | 88,918 | 79 | 18 | 97 | 121.2 |
| 1914 | 100,808 | 100 | 6 | 106 | 106. |
| 1915 | 101,314 | 70 | 10 | 80 | 80. |
| 1916 | 100,461 | 83 | 14 | 97 | 97. |
| 1917 | 104,491 | 74 | 11 | 85 | 85. |
| 1918 | 107,832 | 67 | 18 | 85 | 85. |
| 1919 | 110,137 | 60 | 14 | 74 | 67.2 |
| 1920 | 108,143 | . 60 | 12 | 72 | 72. |
| 1921 | 114,766 | 70 | 22 | 92 | 83.7 |
| 1922 | 118,243 | 71 | 11 | 82 | 74.6 |
| 1923 | 120,234 | 67 | 13 | 80 | 66.8 |
| 1924 | 120,945 | 49 | 4 | 53 | 44.2 |
| 1925 | 122,459 | 45 | 16 | 61 | 49.8 |
| 1926 | 123,000 | 56 | 7 | 63 | 51.2 |
| 1927 | 127,447 | 45 | 18 | 63 | 49.5 |
| | | | | | |

President's Report

Ladies and Gentlemen:

It is with much pleasure that we present this, the 22nd Annual Report of the directors of the Hamilton Health Association.

We have concluded the most successful year in the history of the Mountain Sanatorium, having had a larger number of patients under treatment than in any former year and the largest number of patients discharged as fully or partially restored to health.

We have at present 384 beds with a like number of patients in residence. Still the Sanatorium is taxed to its capacity and with a patient's waiting list. Unfortunately there is at the present time, no likelihood of additional accommodation being provided for them.

The question may be asked, "If you claim that Hamilton has the lowest death rate per 100,000 of population of any city, why is it necessary to add still further accommodation?" There are two reasons: First, that while formerly people were inclined to avoid the thought of tuberculosis and Sanatoria, today they realize that under certain conditions, the Sanatorium is the only hope of restoration to health; whereas a few years ago our Institution was shunned, to-day we are besieged with applications for admittance.

The second reason is that, originally established as a municipal Sanatorium, our Institution has now become distinctly provincial in character, until to-day we have more patients from outside points than from the City of Hamilton.

The act of parliament which demands that we accept those patients sent us, under the penalty of forfeiting the provincial allowance of 75c per patient per day, puts us in an anomalous position, for while we are most desirous of doing all we can for the tuberculous sick, no matter whence they come, exten-

sions and equipment necessary to care for them would cost a lot of money and your directors are of the opinion that they would not be justified in embarrassing this Association by mortgages or loans.

The total amount received during the year past for maintenance account was \$282,422.45. Total expenditures for maintenance account were \$289,755.95, leaving a deficit of \$7,333.50 for the year. This deficit, as you know, is taken care of by the annual contributions we receive from the members of the Association, which amounted in all to \$16,950.

The sale of Christmas seals will net us the sum of \$7,000. or more; another evidence, if it be needed, of the citizens generous response to our appeals. This, with the \$9,000. bequests and donations for the year, together with the favorable balance between our maintenance deficit and our membership contributions, has reduced to that extent, our bank overdraft and will enable the directors, we hope, to proceed with the erection of the water tower, long needed as protection in case of fire.

We acknowledge with heartfelt thanks, the following bequests and donations for the past year:

| D 35 35 77 44 | | |
|--|-------|----|
| Bequest, Margaret McHendrie\$ | 500 | 00 |
| Bequest, Julia Laking | 500 | 00 |
| Bequest, Walter Woods | 500 | 00 |
| Bequest, Mary Morton | 100 | 00 |
| Bequest, Margaret Morton | 100 | 00 |
| Balance of bequest, Mrs. Frances E. C. Wood | 911 | 80 |
| Mrs. Doolittle (for electric fans) | 118 | 50 |
| Ladies' Auxiliary Board (for food carriers) | 218 | 00 |
| Ladies' Auxiliary Board (for 2 Alpine lamps) | 836 | 00 |
| Ladies' Auxiliary Board (for re-covering com- | | |
| forters) | 99 | 00 |
| St. Elizabeth Chapter, linen to value of 3,443 | 2,612 | 81 |
| O.E.S. Mizpah Chapter (for bed in Preventorium) | 150 | 00 |
| Ambitious Chapter, O.E.S. (\$10.00 per month for | | |
| Prevent. Music Fund) | 120 | 00 |
| | | |



Gathering in front of Empire Pavilion on opening day

| Kiwanis Club | 500 | 00 |
|---|-------|----|
| Rotary Club | 100 | 00 |
| Bell Telephone Co. Sanatorium Club | 200 | 00 |
| John H. Bruce Estate | 1,000 | 00 |
| Pugh Estate (executors, C. L. Ballantyne, D. Garson | 1,000 | 00 |

\$9,566 11

The Empire Building is the only addition of importance during the year. It is built on the four-bed-per-ward principle and contains 32 beds at a cost of \$1,200.00 per bed. There is nothing ornate or extravagant in its design but it is everything to be wished for as to situation, comfort, and convenience, in a modern sanatorium building.

The new greenhouse has been built in accordance with the bequest of our good friend, the late John A. Bruce, that a sum should be set aside for beautifying the grounds and it would be difficult to estimate the full benefit of that generous gift to this Association.



Mrs. Burkholder delivering address at Opening of Empire Pavilion

We were remiss did we not express our earnest appreciation of the good work done along social lines throughout the year by the many ladies and gentlemen, who by their visits and kindnesses make the lives of the patients that much more cheerful and contented. To enumerate all their activities is beyond us at this time. To mention their names in this report is the most and the least we can do.

Rev. Canon Daw.

Rev. Father Simpson.

Rev. Calvin McQuesten.

Mr. Roy Fenwick.

Mrs. Ostler.

Miss Victor Ross, Miss Malcolmson and Miss Gates.

Mrs. Denny, teacher of French.

Mrs. Lynch-Staunton and Mrs. Scott, representing the Red Cross Society.

Mrs. Skelton, representing the ladies of our own Institu-

tion.

St. Cecilia, Malcolm Crerar, University, Paardeburg, Dufferin Rifles, Thyendanegea and Remembrance Chapters, Imperial Order Daughters of the Empire.

The Dundas United Church Ladies' Aid. Mizpah Chapter Order of the Eastern Star.

Corinthian Lodge, A.F. & A.M.

The South Wentworth Womens' Institute.

The Salvation Army.

The Junior Catholic Sunday School Teachers. The Kiwanis Club's weekly visiting committee.

The Business Womens' League, who attend to all voca-

tional work at the Orchard Sanatorium.

The Junior Health League, who look after the library and discharged children.

The Catholic Womens' Leagues' weekly visiting com-

mittee.

The Bell Telephone Sanatorium Club.

We must make special mention of this last organization and tender to Mr. J. A. Gorrie and the officers of the Bell Telephone Company, our thanks for bringing an idea to such a successful conclusion. Apart from their monetary assistance, the potentialities for good of such a band of young people, would be difficult to estimate.

During the year we have suffered the loss of two noble souls who were constant in their efforts and assistance to the cause in which we are engaged. Mrs. Margaret Gage Burkholder, the late President of the Ladies' Board, honored and beloved by all her associates, and they were many, refusing to recognize the warnings of an overtaxed constitution, but ever faithful to her principles and the duties placed upon her, became a martyr to the cause she had at heart. The many expressions of sympathy and affection received are the evidence of her worth. She has left us the legacy of a life well spent, an example for all to follow.

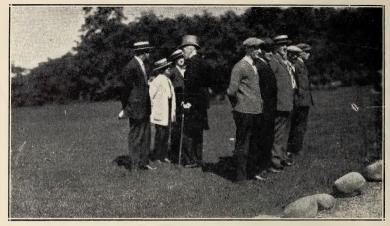
Mrs. Robert Hobson, of a quiet and retiring disposition, a faithful follower of Him she served, responded with an open heart and liberal hand to every appeal made upon her. She, from the first to the last has been a generous supporter of the Sanatorium and has shown a very keen interest in the welfare of the unfortunate sick folk there and has given definite evidence of this by a generous bequest in her will.

"Blessed, yea saith the spirit, that they may rest from their labors and their works do follow them."

In conclusion, we record our appreciation of Dr. Holbrook, the medical staff, those in authority and all others who have so faithfully performed their several duties. Especially may we mention the nurses, who are so patient and attentive to their charges.

Our doctors are well aware, through visits in the City and elsewhere, of the trouble caused through contact with open cases of tuberculosis. Yet our nurses, who are, year in and year out, in constant association with and caring for those who are too weak to help themselves, seem immune to this disease. We read in the Scriptures of three men faithful to their convictions, who were cast into a burning fiery furnace and who came through unhurt, upon whom that fire had no effect. In our Sanatorium our nurses are constantly passing through what would naturally seem a furnace of infection, yet they come through, year after year, unhurt. We infer that He who was in the midst of the fiery furnace with the three is still with our nurses and all who seek to do His will by service for those unfortunate people at the Sanatorium.

Respectfully submitted, J. J. EVEL, President.



Lord Willingdon Visiting the Returned Men at the San.

Report of Ladies' Board Mr. President, Ladies and Gentlemen:

The Ladies' Board of Hamilton Health Association has held eight meetings during the year. The first five were presided over by our late beloved President, Mrs. H. F. Burkholder; the last three were presided over by our esteemed member, Mrs. S. Lyle.

We are pleased to have added to our Board two new members, Mrs. H. F. Stephens and Mrs. Norman Evans, these ladies filling the vacancies caused by the resignation of Mrs. H. F. Carpenter and Mrs. Dr. English.

We regret the passing of Mrs. Robert Hobson, a former member of the Board, and one who was always interested, and

who gave generously to any calls made upon her.

The Board have, as usual, many friends to thank for generous contributions, among whom are the Baseball League, who sent a cheque for \$330.50. This amount is being kept in a separate account and is being used for the upkeep of the Radio at the San.



Canon Daw and Mr. Evel at Opening of Empire Pavilion

A very thoughtful and kindly act was done by the pupils of Strathallan School, who decided to dispense with the giving and receiving of Valentines, and to devote the money usually applied to this purpose for the pleasure of the children at the San, and a cheque for \$32.23 was received, with which a set of History Pictures was purchased. A letter of thanks was sent to Miss Jane Wilcox, School Captain of Strathallan.

The ladies who purchased Christmas gifts for the patients met with much consideration at the hands of the merchants, and for this we are grateful.

In September, Dr. Holbrook intimated that some type-writers were needed at the San, and through the generosity of the "Spectator," two were provided, also one from "The United Typewriter Company," and for these we are most appreciative.

The Visiting Committee, under the able convenorship of Mrs A. C. Skelton, has been instrumental in providing comforts to many of the patients, chief of which was the purchasing, at a cost of \$218. by our Board, of "Food Carriers," making

it possible for patients on the ground floor at the "Brow" to now have their meals served hot. This means much to the physical comfort of the patients, and we feel sure that the personal interest shown by the Visiting Committee and members of the Business Women's Club and other organizations, has a far reaching effect which none of us can measure.

The Board in September purchased two Alpine Lamps, costing \$418 each; one was placed in the "Men's Shack" and the other in the Marion Crerar Daughters of the Empire Building.

Early in the year Mrs. C. S. Wilcox purchased a Multigraph Machine, which was needed at the San, and which provides copies of educational lectures and many other interesting items for the patients, and for this generous gift both Doctors and patients are most grateful.

The Annual Birthday Party was held on Saturday, May 28th, and was well attended. The 13th Royal Band provided excellent music. The Marion Crerar Daughters of the Empire Building was formally opened that day. His Worship, Mayor Treleaven, was present and addressed the guests, as did Sir John Gibson, and others. Mr. A. J. Crerar, who spoke on behalf of his family, voiced the pleasure and pride they felt in having this splendid building named in memory of their Mother, whose presence, he felt sure, was very near that day. The Refreshment Committee was under the efficient supervision of Mrs. S. F. Lazier. The amount realized was \$198.40, for which we are pleased to thank our many friends.

The Clinics at St. Catharines and Brantford are doing splendid work, a full time man being now employed at these cities to take up that and other anti-tuberculosis work. At present a monthly clinic is held at Simcoe, Oakville and Guelph, and an occasional one at Milton and Georgetown. We are most thankful to Mrs. Wm. Southam, who, by her generous donation, has made it possible for this work to be carried on.

To Lady Gibson, who provided a lamp for a boy's bed and special boots for a lame child, to Mrs. S. O. Greening, who provided vases for the bedside tables of each patient, to Miss Edwards, who presented to the children a beautifully illustrated copy of Dent's History, to the Spectator, who so kindly allow us to hold our monthly meetings in their Board Room, and who help us in many other ways, to St. Elizabeth Chapter I.O.D.E., who continue to meet the demands of the San for all linen used, to Mrs. C. E. Doolittle, who provided electric fans costing \$118.50 for patients at the Brow, also candlesticks for staff house at the Orchard San, and to many more who help in countless ways we owe a debt of gratitude and to all we now wish to express our sincere thanks.

The reports of Miss McBeth, our nurse in the down-town Dispensary, are very interesting and show the continued activities in that department.

The Vocational Training Department is doing splendid work, a complete report of which will be found in the Annual Report and will be well worth reading.

In bringing this report to a close we wish to pay a tribute to our late beloved President, Mrs. H. F. Burkholder, whose memory we revere, and whose presence we miss so much. To those who were privileged to work in close companionship with her there is a feeling of distinct loss. Her kindly interest, her genial approval or tactful disapproval, her sound practical advice, her fearless stand for what she thought to be right, and her great executive ability, which enabled her to cover a vast amount of work most efficiently and with apparently little effort, are a few of the many qualities we miss and admired in this friend, who was one of our most gifted Canadian women, and whom we are grateful to have known, and whose example we feel will stimulate us all to better and greater activities.

We are pleased to say that Mrs. Geo. Lowe has consented to become President of the Board, and we feel that with her knowledge of the San, through long association with St. Elizabeth Chapter as its Regent, and her experience in other public work she brings a wealth of experience which will be helpful in her new office, and this, combined with the assured cooperation and interest of the Board, will make her task a pleasant one.

Respectfully submitted,

ELIZABETH G. WESTAWAY, Secretary. STELLA LOWE, President.



Ladies' Auxiliary Hamilton Health Association

TREASURER'S STATEMENT, DECEMBER 31, 1927

Receipts

¢1,224 47

Rank Ralance January 1st 1027

| Donation from Baseball Association | | | 330 | |
|--|------|---------------|------|-----|
| Cash Donations, Birthday Party\$ | 187 | 40 | 330 | 30 |
| From Mrs. English | 1 | | | |
| From Mrs. O. S. Hillman | 5 | 00 | | |
| From Mrs. Gordon Henderson | 5 | 00 | 100 | 4.0 |
| Christmas Cash Donations— | | . | 198 | 40 |
| Special per Miss Harris | | 15 | | |
| Mrs. Southam | 25 | 0.0 | | |
| Mrs. S. F. Lazier | | 00 | | |
| Mrs. R. A. Lucas Miss Edwards | | 00 | | |
| Miss Edwards | | | 46 | 15 |
| Gifts— | | | 10 | 10 |
| From Mrs. Monck for Soldiers' Comforts | 100 | | | |
| From Strathallan School Girls for Pictures | 32 | | | |
| From Mrs. Southam for PicturesFrom Lady Gibson, metal brace for patient, and | ŭ | 47 | | |
| lamp | · 22 | 00 | | |
| From Miss Edwards, for copy Dent's Canadian | 6 | 25 | | |
| From Mrs. S. O. Greening, flower vases for | 0 | 25 | | |
| patients | 10 | 56 | | |
| From Mrs. C. E. Doolittle | | 00 | | |
| _ | | | 196 | |
| Bank Interest | | | 65 | 45 |
| | | \$ | 2661 | 48 |
| Disbursements | | | | |
| Special Gifts | | \$ | 176 | 51 |
| Alpine Lamps | | | 836 | 00 |
| Food Carriers | | | 218 | |
| Furnishings for Nurses' Home | | | 99 | |
| Radio Expense | | | 42 | |
| Part payment Aquarium | | | 16 | 45 |
| Art Instructor | | | 10 | 00 |

| Clothing, etc., for patients |
|--|
| Metal Braces for patients |
| Birthday Party expenses 21 50 |
| Christmas Gratuity 10 00 Flowers 12 00 |
| Fees, L. C. of W |
| \$1623 39 |
| Balance in Bank, December 31, 1927 1038 09 |
| \$2661 48 |
| C. W. GRAHAM, MARGARET EDWARDS, |
| Auditor. Treasurer. |
| |
| Tuberculosis Clinic Fund |
| Receipts |
| • ** |
| Balance in Bank, January 1st, 1927 |
| Bank Interest, December 30th 331 |
| \$601 84 |
| Expenditures \$001 84 |
| Cheque Hamilton Health Association, June 29, 1927 |
| Cheque Hamilton Health Association, Sept 20, 1927 119 00 |
| \$ 473 00 |
| \$ 473 00 Balance in Bank |
| \$601.84 |
| |
| ART INSTRUCTOR'S ACCOUNT |
| Receipts |
| Balance in Bank, Jan. 1st, 1927 |
| Bank Interest 1 50 |
| 120.00 |
| Paid to Instructor |
| |
| Account Balanced. |
| C. W. GRAHAM, MARGARET EDWARDS, |
| Auditor. Treasurer. |

The Late Mrs. H. F. Burkholder

Hamilton, Canada, April 25, 1928.

In the passing of Mrs. Harry F. Burkholder the Mountain Sanatorium and the Ladies' Auxiliary Board of the Hamilton Health Association has lost one of its firmest friends and most active workers.

In 1921 on the retirement of Mrs. Geo. S. Rennie, Mrs. Burkholder was elected president of the Ladies' Auxiliary Board of the Hamilton Health Association, which position she held at the time of her death.

This honour conferred upon her by the Ladies' Board was a fitting recognition of her active interest in all work connected with the prevention and cure of tuberculosis and her active support of this work from one end to the other of her native province; and in this respect she was a worthy successor of those who had previously held this position, and including Mrs. P. D. Crerar, who likewise remained in harness until the final call came.

In her capacity as Regent of the Provincial Chapter Mrs. Burkholder made use of the opportunity offered to arouse the interest of the women of Ontario in various activities for the prevention and cure of tuberculosis including the establishment at various centres of Sanatoria, Preventoria and of campaigns for preventive work, and in this she was ever urged forward by her great sympathy for the sufferers and her desire that the activity she loved so well should not unnecessarily lose these boys and girls and young men and women, who are born a part of Canada's life blood.

Probably her greatest interest was in the children, and every visit that she made to the Preventorium at the Mountain Sanatorium was a red-letter day to the little patients there. As a result of this special interest in children, our Preventorium



is the richer in many respects including, concerts for the children, equipment for treatment, decorations for ward and school room including the war pictures and individual help for needy children whether in the preventorium or in their homes.

Mrs. Burkholder's interest in the Sanatorium dates back to its very inception, for in 1906, the year that the Sanatorium was established she organized and became regent of St. Cecilia Chapter, Daughters of the Empire, and the Chapter immediately joined in active work in aid of the Sanatorium. Again when the Margaret Gage Burkholder Chapter was organized in 1916, it took up special work for the children of the Preventorium.

The marvel is that the Sanatorium work was only one of many activities, carried on by Mrs. Burkholder, and of these the war activities both during and after the war period occupied a large share of her time.

By all these organizations she is greatly missed, and all serve to reveal the great love for humanity together with the natural born talent for organization and leadership that actuated her life.

Report of Tuberculosis Visiting Nurse

The following is a summary of the report of the Chest Clinic for the year ending October 31st, 1927.

| New cases examined at the clinic during the year 812 |
|--|
| Cases reporting back to the clinic after registration either |
| previous to or during the present year1738 |
| |
| Total examinations during the year2550 |
| Number of examinations of school and pre-school children1779 |
| Number of examinations of adults |
| - |
| 2550 |
| Total number of active cases, adults |
| Total number of active cases, children 146 |
| Total number of active cases |
| Total number of routine visits made at homes2624 |

A clinic for examination of the nose and throat is an addition to the chest clinic during the past year. These clinics are held on Friday afternoons and Saturday mornings with Dr. W. G. Cornett in charge. It has proven of very great benefit in the diagnosis of questionable cases. The total number of examinations was 419.

We are glad of the opportunity to report here the work of the Julia Doolittle Fund and the work of the Junior Health League. 17,011 quarts and 120 pints of milk were distributed to the homes of registered cases by the Hamilton Junior Health League. The Miss Julia Doolittle Fund furnished financial assistance to the amount of \$382.42 for the purchase of groceries, fruit, and other necessities for needy families, who would otherwise be deprived of these necessary provisions. This is a noble work and its continuance will do much to help control this disease.

This is surely a preventive work for this supplies nourishment to children at the growing period where help at the proper time may make them healthy citizens whereas if it is denied quite a number of these children will undoubtedly come down with tuberculosis or fail to be self-supporting.

Our only problem is to know when to deny assistance. There are many families with children where the father or mother is not well but is non-tuberculous and other cases where the children are definitely proved to be non-tuberculous but are under nourished. In some urgent cases of this type help is given but in most such cases it is refused.

We want you to know that there is no limit to the assistance that could be given for these under nourished children if we had the funds. The funds available are used just as carefully as possible but we would be failing in our duty if we did not point out the fact that we are daily seeing children who could be materially assisted.

A very pleasing feature of the work is the assistance given by the Junior Health League at Christmas time in the homes of the patients on the dispensary list. This work is carried on entirely by the Junior Health League who prepare the baskets and deliver them and we can assure you that they are a source of great happiness to families who otherwise would have a very desolate Christmas.

The Julia Doolittle Fund now nets the sum of Thirty Five Dollars per month and is used entirely for supplies of groceries and clothing for our needy patients and the fund throughout the many years it has been available, has been a godsend to a great many poor homes in the city.

Respectfully submitted,

SADIE E. MacBETH,

Visiting Nurse.

Report of Tuberculosis Visiting Nurse

Sir:

| for the year ending October 31, 1927. | nes | t Clini |
|---|-------|---------|
| New cases examined at the Clinic during the year Cases reporting back to the Clinic after regis either previous to or during the present year | trat | ion, |
| Total Examinations during the year | ••••• | 255 |
| | | 117 |
| Cases not definitely diagnosed | | 234 |
| Minimal— | | |
| Male Adults | 3 | |
| Female Adults | 2 | |
| Children | 5 | |
| —————————————————————————————————————— | | 10 |
| Med. Advanced— | | |
| Male Adults | | |
| Female Adults | | |
| Children | 0 | 0.1 |
| T | | 31 |
| Far Advanced— Male Adults | 10 | |
| Female Adults | | |
| Children | | |
| - | | 15 |
| Cases formerly active now arrested— | | |
| Male Adults | 2 | |
| Female Adults | | |
| Children | 2 | |
| - | | 6 |
| Diagnoses of Six New Cases— | | |
| Tubercular Pyelo Nephritis | | |
| Tubercular Tracheo Bronchial Adenitis | 1 | |

| Suspicious Tubercular Cervical Caries | | |
|---|-----|----|
| Tubercular Osteomyelitis, right wrist 1 | | |
| Other Diseases, etc. | | 81 |
| Previously Registered — | | 01 |
| Results of further examinations of previously registered cases: | | |
| Cases not definitely diagnosed | 552 | |
| Cases in which no activity was found | | |
| ACTIVE— | | |
| Minimal— | | |
| Male Adults 5 | | |
| Female Adults | | |
| Children | 119 | |
| Med. Advanced — | 11% | |
| Male Adults | | |
| Female Adults | | |
| Children | | |
| | 48 | |
| Far Advanced— | | |
| Male Adults 7 Female Adults 12 | | |
| Children | | |
| | 20 | |
| Cases formerly active now arrested— | | |
| Male Adults | | |
| Female Adults | | |
| Children | 59 | |
| Diagnoses of fourteen cases previously registered— | | |
| Tubercular Cervical Glands | | |
| Tubercular Adenitis | | |
| Tubercular Spine | | |

| Tubercular Larynigitis | |
|---|--|
| Tubercular Peritonitis | |
| Other Diseases found, principally bronchial and throat trouble | 738 |
| TOTAL EXAMINATIONS2 | 550 |
| Number of new cases recommended for Sanatorium treatment | 59 |
| Number recommended for Sanatorium on subsequent examination | |
| Total recommendations for the year | |
| ren | |
| Number of routine visits made by nurses at homes2 | |
| The following are the sources of reference of the $812\ r$ cases reporting at the Clinic during the year: | ıew |
| Physicians Public Health Nurses School Nurses Persons Voluntarily reporting or recommended by | $\begin{array}{c} 267 \\ 30 \end{array}$ |
| friends | |

| to the second | |
|---|-----|
| Total | 812 |
| Number of Intracutaneous-Tuberculin Tests | 453 |
| Number of positive reactions on above tests | 123 |

There were 17,011 quarts and 120 pints of milk distributed to the homes of registered cases by the Hamilton Junior Health League.

The "Miss J. Doolittle Fund" furnished financial assistance (\$382.42) for the purchase of groceries, fruit and other necessities for needy families who would otherwise be deprived of these necessary provisions. This is a noble work, and its continuance will do much to help control this disease.

A clinic for examinations of the nose and throat is an addition to the chest clinic during the past year. These clinics are held on Friday afternoons and Saturday mornings with Dr. W. G. Cornett in charge. It has proven of very great benefit in the diagnosis of questionable cases. The total number of examinations was 419, a detailed account of which is attached hereto.

The accumulation of a petty cash account has been discontinued. There is a credit balance of \$57.45.

SADIE E. MacBETH.

29

Ear, Nose and Throat

| Ear | Examinations— | |
|------|---------------------------------|-----|
| | Otitis Externa | 6 |
| | Otitis Media (all types) | 63 |
| | Mastoiditis (all types) | 7 |
| | Catarrhal Deafness | 6 |
| | Nerve Deafness | 2 |
| | Otosclerosis | 2 |
| Nos | e Examinations— | |
| | Dermatitis | 2 |
| | Septum (all involvements) | 36 |
| | Rhinitis (all types) | 35 |
| | Turbinates (all involvements) | 4 |
| | Sinusitis (all types) | 28 |
| Thr | oat Examinations— | |
| | Tonsils—diseased | 164 |
| | incompletely removed | 4 |
| | hypertrophied | 8 |
| | Tonsillitis (all types) | 6 |
| | Adenoids (only) | 29 |
| | Adenoids incompletely removed | 1 |
| | Larynigitis—simple | 8 |
| | tuberculous | 7 |
| | Pharynigitis (all types) | 22 |
| | Nose-pharynigitis | 2 |
| | Cervical adenitis | 3 |
| | Cervical adenitis (tuberculous) | 2 |
| | Abnormalities of Palate | . 2 |
| | Dental caries | 38 |
| | Pyorrhoea | 3 |
| | No definite pathology | 14 |
| Eve | Examinations— | |
| _, - | Dacryocysitis | 1 |
| | Foreign Bodies | 2 |
| | Corneal Ulcers | 2 |
| | Muscle abnormalities | 2 |
| | Findus abnormalities | 1 |

| Treatments— | |
|---|----|
| Antra washed | 2 |
| Ears syringed | 6 |
| F. B. removed from eyes | 2 |
| F. B. removed from ear | 1 |
| Cases referred to Hamilton General Hospital | |
| Cases referred to own doctor | |
| Cases referred to chest clinic | |
| Cases referred to dental clinic | 2 |
| Number of Pre-school children examined | 31 |
| Number of school children examined | |
| Number of adults examined | |
| Total number of patients examined | |
| | |
| W. G. CORNETT, M.D. | |

Report of Junior Health League

FINANCIAL REPORT, YEAR ENDING DEC. 31, 1927

| Receipts | | Expenditures | | |
|------------------------|----|------------------------|----|----|
| Fees\$ 105 | 00 | Clothes and Christmas | | |
| Donations 159 | 00 | baskets\$ 63 | 2 | 87 |
| Bazaar 1591 | 97 | | | 00 |
| Mrs. Washington, | | Rent | 0 | 00 |
| recital 232 | 12 | Boys' Camp 33 | 1 | 80 |
| Strathallan play 25 | | Postage and Printing 3 | | |
| | | Sundries 1 | | |
| G. W. Robinson | | Milk 198 | | |
| Fashion Show 521 | 50 | | | |
| Interest 48 | 05 | Total expenditure 312 | 23 | 79 |
| Sundries 30 | 50 | Bank balance 136 | 8 | 80 |
| Bank balance, Dec. 31, | | Cash on hand | | |
| 1926 1283 | 20 | | | |
| Victory Bond 500 | 00 | Total\$450 | 00 | 59 |
| Cash on hand 4 | 25 | · | | |
| | | | | |
| Total receipts\$4500 | 59 | | | |

Mr. President, Ladies and Gentlemen:

It is with pleasure that I present the Annual Report of the Junior Health League because of the interest and enthusiasm of the members and also because of the loyal support and generosity of their many friends and supporters.

Our year, financially, has been most successful; we have now 45 families on our list to whom we have supplied 18,135 quarts and 120 pints of milk at the cost of \$1,984.50, under the supervision of Mrs. Stinson Thompson. We have also supplied these families with clothing when it is necessary. At Christmas we gave each family a dinner, the purchasing of these items have been capably attended to by Mrs. Fritz Martin, at the cost of \$632.89.

We were also able to send again this summer 32 boys to camp at Port Maitland which means a great deal to these boys, the cost being \$331.80.

The libraries under the convenorship of Mrs. Francis Malloch at the Brow and Orchard Infirmaries were open each Monday. The total number of books distributed at the Orchard branch were 8384, making an average of 204 per week; at the Brow 7910, making an average of 172 per week. We are very much endebted to Miss Jean Christie who alone took charge of the libraries during July and August for us.

The Annual Bazaar which was held at Mrs. Kent Hamilton's on Nov. 1st, was in every way a success and netted us the sum of \$1,591.97, thanks to our many patrons.

Through the kindness of Mrs. Washington we were able to realize the sum of \$232.12 from the sale of tickets for a dancing recital given in December. In the spring and fall we supplied models for the Arcade and G. W. Robinson fashion shows which netted us the sum of \$521.50.

In conclusion on behalf of the Junior Health League may I thank the Ladies' Board of the H.H.A. for their continued interest in the welfare of our league and to Mrs. Marjorie Thompson of the Central Bureau, for her helpful advice at all times.

Respectfully submitted,

KATE CARPENTER.

Report of Medical Superintendent

J. H. Holbrook

I beg leave to submit the report of the medical activities for the year. This shows a greater number of patients treated than in any previous year, owing to the fact that the Institution has been filled to capacity during practically the whole year and also due to the fact that the Empire Pavilion was opened for patients during the year, making available another thirty-two beds, and bringing the accommodation for adults and children up to a total of 384 beds.

The work in various respects has been heavier than during any previous year, and this has been due not only to an increase in the number of patients, but also in part to the fact that each year we are finding more scientific procedures that can be made available for the benefit of our patients. The work of the X-ray department, the dental department, sun treatment, treatment of surgical conditions, and treatment of lung conditions by surgical procedures are being made available to a greater extent year by year. In addition, the diagnostic work is steadily increasing, so that today within the City of Hamilton, two to three members of our staff are required on three afternoons and one forenoon of each week at the Health Centre Clinics, while in addition, a diagnostic clinic for more difficult cases where the diagnosis cannot be arrived at without X-ray and the opinions of specialists, is being carried on by two of our staff at the City Hospital on one afternoon of each week. The extension clinics to outside towns are now reduced to three per month, these being held at Simcoe, in Norfolk County, Guelph in Wellington County, and Oakville in Halton County. In addition, an occasional trip is still made to the north end of Halton County.



Children at Preventorium Taking Helio-Therapy Treatment

The results of the work carried on in St. Catharines and Brantford for the last four years has been most gratifying, for this work has finally been terminated with the appointment of a permanent medical man who gives his full time to this work.

This means that our fortnightly clinics in these two cities, which were in the nature of a health demonstration, have finally made it clear to these communities that there is need for much more thorough work along the line of finding early cases of tuberculosis. Brantford assumed responsibility for their own work at the end of June, Dr. C. C. Alexander being appointed to superintend the work of the Sanatorium and to conduct the clinics, while he also continues his part-time work as school medical health officer. In St. Catharines the work was taken over in September by the appointment of Dr. C. G. Shaver, one of the men who in his student years, spent two summers at the Sanatorium. He is superintending the work of the Sanatorium in St. Catharines, and is also conducting clinics in Niagara Falls and Welland.



Children Taking Their Sun Bath in the Sand Pile at Preventorium

You cannot but agree that this is truly constructive for it is establishing permanent local facilities for early diagnosis for the people of these communities who cannot pay consultant fees, and is gradually breaking down the tendency for tuberculosis patients to stay away from Sanatorio until their disease has become incurable.

In addition to the scientific work carried on, we are more and more grateful as the years go by to the various organizations that are assisting us with the care of our patients within the institution. This work is growing from year to year, as more and more the various societies, clubs, and groups of people are becoming personally interested in groups of our patients. This transformation from treatment in early days is one of the most pleasing changes that could possibly come to a public institution, for it is truly transforming the daily lives of the patients, bringing new interests which result in happi-

ness and intellectual development, these being in line with the modern trend of treatment for chronic diseases, and being well classified under the head of psycho-therapy.

In some respects, this work is a continuation of welfare work started for returned men, yet in two respects, recent developments are along new lines. In the first place, this work is being directed more and more along educational lines, and in this connection, we wish to mention the fact that four of the patients were able to try part of their high school matriculation examinations in June last. This is an innovation that probably has not been attempted anywhere else and we are most thankful to the Hamilton Board of Education for the kind consideration that was shown, first, in providing the teacher, and secondly, in appointing a presiding examiner for examinations at the Sanatorium. This being the initial attempt of the patients, it was impossible to overcome a certain amount of nervousness and fear of the outcome, but when the results were published it was found that there was no ground for fear, for one of the students took first class honours in five subjects, and second in one subject; a second took first class honours in two subjects, third in one, and a pass in a fourth; a third student took first class honours in two subjects and a third in one; while a fourth student secured a pass in two subjects. In connection with this last patient, a very interesting event occurred on the occasion of Premier Ferguson's visit to the Sanatorium. She had never passed her entrance examinations and knowing that the Premier was Minister of Education, expressed to him her desire to continue with her high school studies, so in order to assist her, he very graciously presented her with her entrance certificate. She was hardly well enough to continue her work during the spring, but her ambition carried her through in spite of poor health. This is the record of the first year's attempt in high school work, and we are very justly proud of the results, and hope to have a much larger number ready for examinations next summer.

In the second place, we have come to the conclusion that this welfare work can be made to serve in solving the problem of the after care of ex-sanatorium patients. This is a special phase of the tuberculosis problem which has always given us much concern, for back in the early days the charge was sometimes made that Sanatorium treatment was prone to foster the idea that an ex-patient was of little use in after life. Following the war period much thought was given to this problem, and an after care colony for returned men was actually planned and options were secured on a site near Ancaster, but the plan was finally abandoned because of the heavy financial burden in establishing such a colony. Since that time a few successful colonies have been established in other countries, the most successful one being the colony at Papworth, near Cambridge, in England.

In abandoning our plans for a work colony, we have become more and more impressed with the possibility of making use of the latter part of the cure period in Sanatorium, for the purpose of training the patient so that he can adapt himself to a more suitable type of life following his discharge, the principles underlying this adaption being that the most suitable vocation for an ex-patient is the one in which he can receive the most in financial returns for the least possible call on his physical energy. This simply means that the patient must fit himself for a position calling for brains rather than brawn, and possibly in addition he will have to arrange for shorter hours of actual work.



Children "On Exercise" from Preventorium, Doing a Little Gardening

Just what his actual working capacity will be is fairly well established during the later stages of treatment, when graduated exercise is employed as a part of treatment. The first step in advance to meet the needs of this later stage of treatment was the introduction of occupational therapy including various types of handicraft work for men and instruction in useful arts for women, even including sewing and dressmaking. As a further extension, shorthand and typewriting was introduced by the Department of Soldiers' Re-establishment for the returned men, and later by the Business Women's Club for women patients, and then we gradually came to realize that to meet the needs of a large group of young people, who, but for their illness, would be in high school, this course should include bookkeeping, accountancy, and training in the purely academic studies such as literature and history. As a matter of fact, one of the best studies to restore the brain after a long period of rest and sluggishness has proved to be the study of



Children in Apple Orchard, Which Surrounds Pavilion

a foreign language with its necessary exercise of the memory, and within the institution we now have several groups taught by volunteers from the city, who are studying French and making excellent progress. Thus we are at last making an earnest effort to replace the old attitude of sluggish mentality after discharge by an attitude of alert mental activity and we are very sure that it will make for a far greater proportion of self supporting ex-patients than was the case in former years.

This more intensive study of the question has led to an abandonment of the idea that our ex-patients should choose outdoor occupation, for these positions generally provide two serious objections, namely, that they usually require more physical exertion than the patients can safely give; and they are usually positions with very low remuneration, thus making it impossible for the patient to secure the necessary extra comforts in the home.

We believe these investigations are already leading to definite results, and back of it all seems to be the fundamental principal that more and more the Sanatorium must become the school in which the tuberculous indviidual has an opportunity to study himself and to adapt himself to the decreased physical capacity laid on him as a result of his disease.

With regard to results of our work for the year as based on mortality figures, Hamilton is again most fortunate with a rate of 49.5 per 100,000 of population. A recent publication of the Federal Department of Health sums up the situation very clearly, showing that there has been an increase in mortality figures fairly generally throughout the provinces of Canada. This report reads as follows: "There is an increase registered from every province in Canada except two: British Columbia, which has dropped 2.1 per 100,000 and Ontario 1. per 100,000. Quebec, with a little more than one-quarter of our population, shows an increase of 17 per 100,000 over that reported for 1925. Nova Scotia has also increased 11, Saskatchewan 5, Alberta 6 per 100,000 respectively.

We have no hesitation, therefore, in pointing out to you that the aggressive work of the citizens of Hamilton for the last twenty years is each year resulting in the saving of numerous lives of your own citizens and in a proportionate degree is cutting down the financial loss due to sickness. This is our only reason for coming back year by year, when as the result of our success in the care of soldiers, we have been compelled to turn our attention to the surrounding parts of the province, becoming in actual fact a provincial institution and caring for patients from every part of the province, we appeal to you that the time has come when we can no longer live to ourselves alone, but that the citizens of Hamilton living under these most favorable conditions from the standpoint of tuberculosis, must take up their burden as an integral part of this old prov-

ince of Ontario for the purpose of demonstrating to those outside our own city borders, that the only way in which tuberculosis can be conquered is by treating it as a community disease and by combating it by a combined community effort.

With regard to new methods and increased efficiency in treatment, we feel that we have a favorable report to give, for we have a group of honorary consultants on whom we are able at any time to call for assistance, and as a result of this assistance we are able both to secure assistance, in difficult cases of diagnosis, and are also enabled to give the patients who are suitable cases for phrenicotomy or thoracoplasty, the benefit of these procedures.

Our own staff looks after the pneumothorax work and during the year 144 patients have received this form of treatment. By the appointment of a specialist in nose and throat work, we are in a much better position to look after this type of work, and treatment of the larynx by electrocautery as described by Dr. Parfitt at last year's annual meeting, has now become a routine procedure whenever indicated, and results have been most gratifying. Recently, a specialist in laboratory and pathological work has been added to the staff, and we are expecting much from this department as time goes on.

We are also finding it necessary to look after an increasing number of cases of bone tuberculosis, and for the supervision of this work, we are most grateful for periodic visits from Dr. R. I. Harris, a member of the staff of the Sick Children's Hospital of Tornoto. This is a line of work requiring the training and experience of an orthopoedic surgeon and it was almost impossible to make much headway with this type



Sun Treatment Children at Play-The Preventorium

of case until we came to a full realization of our own inability to properly look after them because of our lack of experience, but the present arrangement has been very much appreciated by the patients and has made it possible for us to be of definite service to these most unfortunate people.

In conclusion, I wish to thank all those of our staff for the whole-hearted and intelligent support that they have rendered during the year, and to assure our Board that it is most gratifying to work with and have such an enthusiastic group of men and women engaged in the work of trying to stamp out tuberculosis, and indeed, of trying to contribute their share towards the stamping out of all forms of disease, for more and more the health of the people is becoming a community problem, and a contributor to so important a branch as that of tuberculosis, serves to improve the whole health situation, not only through better facilities for treatment, but probably even to a greater degree through better facilities for diagnosis.



Children Playing in Rear of Preventorium Following are the statistical reports of the year's work:

Statistics of Civilian Patients

Following are the statistics for the year:

| N | fale | Female | Total |
|--|------|----------|-------|
| No. of Patients in residence, October 1, 1926 | 129 | 159 | 288 |
| No. of Patients admitted to September 30, 1927 | | 161 | 322 |
| T-1-1 | 200 | 220 | (10 |
| Total | | 320 | 610 |
| No. of Patients discharged during year | 103 | 95 | 198 |
| No. of deaths during year | 30 | 39 | 69 |
| No. of Patients in residence, September 30, 1927 | 157 | 186 | 343 |
| 777 - 1 | 200 | 220 | (10 |
| Total | | 320 | 610 |
| Collective days' stay of Patients | 112, | 203 davs | |
| Average days' stay of Patients | | | |
| Total Bed Capacity | | 370 | |
| - Quar Dea Capacity minimum | , | | |

RESIDENCE OF PATIENTS

| | | Male | Female | Total |
|------|--------------------|------|--------|-------|
| From | City of Hamilton | 136 | 147 | 283 |
| 66 - | Dundas | 2 | 2 | 4 |
| 66 | Ancaster Township | 3 | 7 | . 10 |
| 66 | Barton Township | . 1 | 9 | 10 |
| 66 | Saltfleet Township | | 1 | - 2 |

| " West Flamboro Township " East Flamboro Township " Beverley Township " Binbrook Township " Other Counties of Ontario | 1 1 1 143 290 | $\begin{array}{c} & 0 \\ 2 \\ 1 \\ 0 \\ 151 \\ \hline - \\ 320 \end{array}$ | 1 3 2 1 294 ——————————————————————————————————— |
|---|--|---|---|
| | | 320 | 010 |
| NATIONALITY OF PATIENTS | _ | Female | Total |
| Canada England Ireland Scotland United States Other Countries Total | 172 50 9 11 11 37 | 210 48 14 19 8 21 —————————————————————————————————— | 382 98 23 30 19 58 |
| AGES OF PATIENTS | | | |
| | 4 23 18 15 60 41 32 37 18 18 11 5 0 7 | Female 7 33 22 34 52 60 46 28 15 12 1 4 3 2 1 0 | 11 56 40 49 112 101 78 65 33 30 12 9 3 9 |
| Total | 290 | 320 | 610 |
| RELIGION OF PATIENTS | | | |
| Protestants Roman Catholics Other Religions | 222 52 16 | Female 268 48 4 4 | 490 100 20 |
| Total | 290 | 320 | 610 |



Front View of En



ire Crerar Pavilion

Of the 198 Patients discharged 115 were weighed on discharge: 100 gained an average of 18 lbs., 12 lost an average of 5.6 lbs. Largest individual gain, 65½ lbs.

REPORT OF CHILDREN

| NT 6 1 11 15 1 | , | | 1 / | | A ale | Female | Total |
|---|---------------|--|-----|---------------------|-----------|--------|---|
| No. of children 15 years and ber 1, 1926 No. of children 15 years and | | | | | 28 | 40 | 68 |
| tember 30, 1927 | | | | | 18 | 26 | 44 |
| Total No. of children 15 years and | | | | | 46 | 66 | 112 |
| the year | | | | | 20 | 25 | 45 |
| tember 30, 1927 | | | | | 26 | 41 | 67 |
| Total | | | | | 46 | 66 | 112 |
| Minimal | 10 17 1 | рэлолаш 12 16 27 16 8 79 29.6 | 16 | Ped G 559 3 62 23.3 | Ontreated | | \$\\ 13.1 13.8 46.5 8.9 3.8 13.9 |

Number of Cilivian Patients admitted for treatment since the establishment of the Sanatorium:

| Up to September 30th, 1906 | 30 |
|--|-----|
| October 1st, 1906, to September 30th, 1907 | 71 |
| October 1st, 1907, to September 30th, 1908 | 94 |
| October 1st, 1908, to September 30th, 1909 | 111 |
| October 1st, 1909, to September 30th, 1910 | 114 |
| October 1st, 1910, to September 30th, 1911 | 139 |
| October 1st, 1911, to September 30th, 1912 | 122 |
| october zet, to pertunder com, | 134 |
| October 1st, 1913, to September 30th, 1914 | 134 |
| | |

| October 1st, 1914, to September 30th, 1915 October 1st, 1915, to September 30th, 1916 October 1st, 1916, to September 30th, 1917 October 1st, 1917, to September 30th, 1918 October 1st, 1918, to September 30th, 1919 October 1st, 1919, to September 30th, 1920 October 1st, 1920, to September 30th, 1921 October 1st, 1921, to September 30th, 1922 October 1st, 1922, to September 30th, 1922 October 1st, 1922, to September 30th, 1923 | 165 153 215 196 170 176 199 182 182 |
|---|---|
| October 1st, 1923, to September 30th, 1924 | 220 |
| October 1st, 1924, to September 30th, 1925 | 239 240 |
| October 1st, 1926, to September 30th, 1927 | 322 |
| Of this number 612 have been re-admitted patients, makir total individual number 2,996. | |
| Military Statistics | |
| October 1st, 1926, to September 30th, 1927 | |
| No. Patients in residence October 1, 1926 | 34 53 |
| No. Patients discharged during the year | 50 |
| No. Patients died | 36 |
| Total | 13,346 |
| RESIDENCE | |
| Hamilton Toronto Other parts of Ontario Other provinces | 25 41 18 3 |
| • | |
| Total | 87 |
| RELIGION | |
| Protestant | 73 13 1 |
| Total | 87 |

NATIONALITY

| Canadian English Irish Scotch | | | | | | | |
|---|---|--|--|--|--|--|--|
| U. S. A. Other countries | | | | | | | |
| Total Married Single Widowers Separated | | | | | | | |
| Total | . 87 | | | | | | |
| Classification of Cases | | | | | | | |
| Not Class. Apparently Arrested Quiescent Improved Unimproved | Total | | | | | | |
| Minimal 6 <td< td=""><td>. 6 . 15 1 29 . 1</td></td<> | . 6 . 15 1 29 . 1 | | | | | | |
| 1 17 9 4 19 2. 33.3 17.6 7.9 37.2 2 | | | | | | | |
| No. Patients admitted from June 12, 1916, to Sept. 30, 1917 | . 236 . 258 . 218 . 191 92 101 98 47 | | | | | | |
| Total | 1,592 | | | | | | |

Dental Report, 1927

| Silver Fillings | 3 |
|----------------------------|-----|
| Cement Fillings | 1 |
| Porcelain Fillings | 1 |
| Local Anaesthetics | 8 |
| Extractions | 8 |
| Scaling | 2 |
| Pyorrhoea | 2 |
| Prophylaxis | 1 |
| Miscellaneous Operations | 4 |
| Root Treatments | |
| Gutta Percha | |
| Silver Nitrate and Eugenol | |
| Impressions | |
| Bites | |
| Try-in Plates | |
| Insert Plates | |
| Adjust Plates | |
| Repair Plates | |
| Bridges | |
| | |
| Total | 3,8 |
| | |

Laboratory Report, 1927

The following table shows the work done in the Laboratory during the past year:

| the past year. | |
|------------------------------------|-------|
| Routine urinanalyses | 1,250 |
| Special urinanalyses | 75 |
| Sputum Analyses | 2,700 |
| Faeces | - 3 |
| Gastric contents examination | 6 |
| Blood Counts | 40 |
| Throat Cultures | 25 |
| Special Cultures | 50 |
| Stained smears | 125 |
| Pleural fluid | 12 |
| Spinal fluid | 3 |
| Guinea pig inoculation Blood Sugar | 50 |
| Blood Sugar | 16 |
| Renal function | 5 |
| Blood calcium | 375 |
| Blood Sedimentation | 100 |
| | |

| Blood Wassermann Blood T. B. Fixation Blood Caulfield Inhibitive Kahn Tests | 500 500 500 500 |
|---|--|
| Total | 7,390 |
| X-Ray Report for Year October, 1926, to Sept. 30th, 1927 | |
| Chest Dental Gastro-Intestinal Sinuses Spine Other parts Fluoroscope Treatments | 767 232 108 53 73 11 108 |
| Total | 1,357 |

Annual Meeting and Dinner

January 17th, 1928

The twenty-third Annual Meeting of the Hamilton Health Association was held on Tuesday, January 17th, at 6 p.m., in the banquet room of the Royal Connaught Hotel.

Mr. J. J. Evel, President of the Association presided.

It was found in past years that the meetings were necessarily very lengthy owing to the large number of reports that were made at the meeting. A new departure was made this year, in that a meeting was held one week previous to the Annual Meeting in the Y.W.C.A., at which reports were given by the Ladies' Auxiliary Board, the Junior Health League and a number of the different organizations and societies doing work at the Sanatorium. All of these reports will be found in the Annual Report. The meeting was presided over by Mr. J. J. Evel. There was a splendid attendance and the meeting was a decided success in every way.

The attendance at the Annual Meeting was up to the usual, the hall being filled to capacity.

Addresses were delivered by Mr. J. J. Evel, President and Dr. J. H. Holbrook, both of which appear in this report.

Short addresses were delivered by Dr. J. H. Elliott, of Toronto, and Colonel Leonard, President of the London Sanatorium.

On motion of Mayor Burton, seconded by F. T. Smye, M.P.P., the Directors of 1927 were re-elected for 1928.

Auditors' Report

November 18th, 1927.

The President and Directors,
Hamilton Health Association,
Hamilton, Ont.

Gentlemen:

We have examined the Books and Accounts of the Association for the year ended September 30th, 1927, and having been furnished with information required by us relating to the audit, we submit Balance Sheet as at the latter date with Maintenance Account for the year.

In our opinion these statements correctly show the position and operations of the Association, as shown by the Book and subject to our following Report.

Balance Sheet

CAPITAL ASSETS, \$923,587.82.

These Assets show an increase for the year of \$45,292.71, which has been carefully vouched, the distribution for the year and total being as follows:

| | Year | | Total |
|--|----------|----|--------------|
| Land (including Roads, Walks and Fences) | \$ 50 | 80 | \$ 45,751 98 |
| Buildings | 35,021 | 24 | 688,411 40 |
| Furnishings | | 87 | 92,714 62 |
| Medical and Dental Equipment | | 17 | 9,687 92 |
| Water, Sewage, etc. | | 28 | 28,119 79 |
| Fire Equipment | | | 2,509 32 |
| Auto Equipment | | | 7,226 44 |
| Farm, Stable and other Equipment | | 00 | 7,247 13 |
| Poultry Plant | 496 | 60 | 20,438 07 |
| | | | |
| | 45,459 | 96 | 902,106 67 |
| New Laundry Equipment reduction | 167 | 25 | 21,481 15 |
| | \$45,292 | 71 | \$923,587 82 |

The items in the expenditure for the year include the following additions:

LAND-Posts and Fence for Farm Lands.

BUILDINGS—Completion of New Pavilion, Root Cellar, Greenhouse, Garage, Grafton Building and Doctor's Residence at Infirmary Property.

FURNISHINGS—Furnishings at New Pavilion and General Equipment.

MEDICAL AND DENTAL—Hoffman Carbon Arc Lamp and General Equipment.

WATER, SEWAGE, ETC.—Waterworks System.

FARM AND OTHER EQUIPMENT—Lawn Mower.

POULTRY PLANT—Sundry additions.

LAUNDRY EQUIPMENT—Machinery sold, \$300.00, less equipment purchases, \$132.75.

These Assets are reaching such large proportions that it would be well to have a valuation made of the present Assets to write off, through the Reserve for Depreciation, a considerable amount of Assets which have now ceased to exist through new purchases which may have replaced older items.

DEPRECIATION RESERVE, \$221,879.64.

While no expenditure is shown on Auto Equipment for the year, a Ford Sedan was replaced at a cost of \$200.00, of which \$125.00 is charged to this Reserve and \$75.00 to Auto Expense.

This deduction of \$125.00 from the Reserve and the provision for the current year of \$34,680.48 added makes up the total Reserve as above.

While this Reserve is 24% of the total Capital Assets, we feel that much of the capital expenditure is of the nature of replacements, and that where additions are made of this kind the original Asset should be written off through this Reserve.

By doing this a more accurate valuation of Assets for Insurance purposes would be available, and this would not affect the Operating Costs, further than the saving of Depreciation costs of Assets which have ceased to exist.

While an Appraisal Company could furnish this information, this might be procured at a less cost by valuations made by friends of the Association.

In suggesting this valuation we would recommend such being based on the replacement cost under the following distribution:

LAND, describing general Land, Farm Land, etc.

ROADS, WALKS AND FENCES.

WATER, SEWAGE, ETC.

BUILDINGS, showing valuation of each.

BUILDING EQUIPMENT, including Electric Wiring, Heating and other fixed Equipment in each Building.

FURNISHINGS, including permanent items good for 5 years or more.

BEDDING, ETC., renewable every 5 years or less.
MEDICAL, AND DENTAL, EQUIPMENT.
FIRE, EQUPMENT.
AUTO EQUIPMENT.
FARM EQUIPMENT.
POULTRY PLANT.

With this distribution of Assets and Reserve on same, more accurate records could be kept of new or replaced expenditure, which appears very essential on account of the growth to which these have reached.

INVESTMENTS, \$38,602.50.

There being no change in these Assets during the year, we are not repeating the details of this amount included in last year's report.

A certificate from the Bank of Montreal shows these securities held by the Bank for safe keeping.

ACCOUNTS RECEIVABLE, \$41,240.08.

We have verified the items making up this Asset as detailed on the Balance Sheet, a Reserve of \$1,000.00 being deducted from the first item of Patients' Fees. This Reserve is the same as last year, no charges having been made against it, though adjustments of \$666.00 were charged back to Earnings on account of definite guarantees not being secured when Patients are admitted. An effort should be made to avoid these adjustments.

CASH, \$479.79.

A special account with the Bank of Montreal shows a balance of \$149.23, verified by Certificate from the Bank and Petty Cash of \$330.56 make up this Asset. The cash was checked by us on October 26th.

LIVE STOCK, STORES, ETC., \$28,010.09.

We have carefully checked the Inventory furnished us of this amount, made up of Live Stock and Poultry, \$14,958.50; Provisions, \$4,446.81; Fuel, \$2,450.00; House Supplies, \$2,334.38; Medical Supplies, \$1,641.75; Repair Supplies, \$1,621.86; Poultry Supplies, \$516.75, and Stationery, \$40.04.

ACCRUED INTEREST, \$284.37.

This amount of interest is accrued on the Bruce Mortgage at September 30th.

INSURANCE UNEXPIRED, \$2,825.25.

The unearned portion of Insurance premiums in force at the close of the year makes up this amount which includes Fire insurance carried of \$379,550.00 as well as Boiler, Elevator, Bond and Auto Insurance.

SPECIAL FUNDS, \$901.02.

This amount is on deposit with the Bank of Montreal, being verified by Bank Certificates and provides for a liability shown of a similar amount.

LIABILITIES

BANK OF MONTREAL, \$15, 258.51.

We have verified this amount due to the Bank on current account by Certificate, after providing for outstanding cheques and a deposit of September cash in October.

In comparison with last year this liability is reduced by \$11,557.97.

ACCOUNTS PAYABLE, \$20,125.71.

We have checked the balances making up this amount which includes trade creditors, \$15, 073.51, and accrued Wages, \$5,052.20, these to the best of our knowledge being all liabilities of the Association, not otherwise stated at the close of the year.

In addition to the above reduction in the Bank overdraft, this liability also shows a reduction as compared with last year of \$3,011.34.

ENDOWMENT FUNDS, \$94.16.

The Income and Expenditure from Endowments show this net liability as detailed in the following summary:

| | | | 1926 | | | ure | 1927 | |
|-----|--------------------------------------|---------|------|------------|----|-------------------------------|---------------------|----|
| | | Balance | , 1 | Income | | Expenditur | Balance Sept. 1. | : |
| (1) | Col. Grafton | Bala | Oct | \$ 250 | | \$ 250 00 | Bala | 1 |
| (2) | Julia Doolittle\$ Mrs. J. Lennard | | | 457 360 | 00 | \$ 250 00 415 00 519 00 | \$ 183 5 | |
| (4) | Pirie MemorialDr. J. A. Bruce Estate | 121 | 50 | 110 812 | 00 | 1165 25 | . 11 5 | |
| (7) | C. C. Green | | | 30 27 | 50 | 30 00 27 50 | | |
| (8) | Chas. E. Doolittle Estate | 33 | 35 | 325 | 00 | 338 00 | 20 3 | 35 |
| | \$ | 466 | 97 | \$2372 | 00 | \$2744 75 | \$ 94 | 16 |

Nos. 5 and 8 from Joint Mortgage Investment.

DEPOSITS, \$814.00.

This amount represents deposits received for Radio Head Sets and Keys, being repayable on return of these by Patients.

SPECIAL FUNDS, \$901.02.

Funds received for special purposes apart from Maintenance or Operating Costs are carried for the purpose of record, this liability being offset by a similar amount in the Assets carried in a separate Bank Account.

CAPITAL, \$776,857.88.

Capital Receipts for the year include Bequests from Estates of John D. Wheelihan, \$500.00; Margaret McHendrie, \$500.00; and Julia Laking, \$500.00 \$1500.00

Donations, Subscriptions and Members' Fees.... 16950 06

\$18,450 06

| From this is deducted the Balance of Maintenance Account for the current year \$7,333.49 in excess of Income, and Dispensary cost of \$62.98, | |
|---|--------------|
| less Farm Operating Profit, \$1,461.48 593 | 4 99 |
| A net increase of \$\) Which added to last year's balance \$\) 76434 | 5 07 2 81 |
| Makes up the above amount | 7 88 |
| It is interesting to note that the net increase for the year of | 5 07 |
| 1073 | 7 23 |
| leaving the current position, not including Investments, improved by | 7 84 |
| This improvement is shown in the following compari | son: |
| Current Assets\$86951 32 \$73740 60 \$1321 | 0 72 |
| Current Liabilities | |
| Net Current Position\$34769 36 \$36547 20 \$ 177 Incr | 7 84 ease |

MAINTENANCE ACCOUNT

This statement including details of last year and this for comparison, shows increased Income as well as Expenditure though the latter is increased to a greater extent accounting for a larger loss than last year.

Mr. Moreland's report makes it unnecessary for us to deal fully with the year's work, as he is so much more familiar with the operating details than we are.

It would appear however, that the gradual reduction of Income from the Military Hospitals' Commission, especially during the latter part of the year, is going to be more than offset by the increased Civilian Patients, as Mr. Moreland's very excellent Report shows that there is not sufficient accommodation for waiting Patients at the present time.

The office opened last year from which all the accounting and management is very capably controlled by Mr. Moreland is working out very satisfactorily and must be much more convenient for operating purposes, as well as having relieved us of a tremendous amount of work.

Receipts for Special Clinic Work of \$2,384.00, including the Ladies' Board contributions, less travelling expenses of \$227.00, leave a balance of \$2,157.00 applied in reduction of salaries in the Maintenance Account.

Yours truly, RICHARDSON, SMITH, FERRIE & CO., Chartered Accountants.

Balance Sheet as at September 30th, 1927

ASSETS Land, Buildings and Equipment as detailed in Report\$923,587 82 \$701,708 18 Accounts Receivable: Patients' Fees, less Reserve\$ 9,962 80 City Corporation 5,861 70 Military Hospitals' Commission 3,256 50 41,240 08 479 79 Cash Live Stock, Poultry, Stores, etc. 28.010 09 Accrued Interest 284 37 Insurance Unexpired 2.825 25 Special Funds, Bank of Montreal 901 02 \$814.051 28

Less: LIABILITIES

ENDOWMENT FUNDS Julia Doolittle\$ 183 58 I. A. Bruce Estate Chas. E. Doolittle 20 35 \$ 204 64 Less Overexpended-Mrs. J. Lennard\$98 98 Pirie Memorial 11 50 --- 110 48 94 16 Deposits Pavable 814 00 Special Funds 901 02 37,193 40 Net Capital\$776,857 88 Capital, September 30th, 1926\$764,342 81 Add: Increase in Capital as detailed in Report.... 12,515 07 As above\$776.857 88

Income

| Interest—Investments and Endowmen Patients' Fees | | 89,463 71,625 84,147 36,879 | 50 15 80 00 00 | Last Year \$ 307 50 82,844 19 70,995 43 80,685 75 41,158 50 \$275,991 37 | |
|--|----------------|--------------------------------------|----------------------------|--|--|
| EXPENDITURE | | | | | |
| Wages and Salaries\$ | | 98 | | \$100,288 85 | |
| Butcher, Meat, Fish, etc. | 26 964 | 81 | | 27,454 92 | |
| Butter and Eggs | | 96 | | 14,835 38 | |
| Flour, Bread, etc. | 4,668 | | | 4,726.24 | |
| Groceries (including Canned Goods, | ., | | | ., | |
| Fruit, Vegetables, Fish, etc.) | 15,601 | 89 | | 12,700 35 | |
| Fresh Vegetables and Fruit | 7,813 | | | 7,487 52 | |
| Milk | 10,814 | | | 10,280 50 | |
| Fuel | 13,324 | | | 14,125 74 | |
| House Supplies | 4,528 | | | 5,284 23 | |
| Ice | 103 | | | 125 96 | |
| Laundry | 9,186 | | | 8,257 15 | |
| Medical Supplies | 6,557 | | | 5,883 12 | |
| Repairs | 15,512 | | | 15,913 12 | |
| Water | 2,197 | | | 2,298 00 | |
| Insurance | 1,904 | | | 1,887 80 | |
| Interest | | | | f 202 (C | |
| Power and Light | 5,534 | | | 5,303 66 | |
| Printing, Stationery and General Ex. | 5,468 | | | 6,051 38 | |
| Stable Expense | 1,113 4,127 | | | 2,471 59 2,970 08 | |
| Auto Expense Depreciation | | | | 28,591 97 | |
| Depreciation | 50,774 | | | 20,391 97 | |
| | | \$289,755 | 94 | \$276,937 56 | |
| Balance deducted from Capital A | ccount | \$ 7,333 | 49 | \$ 946 19 | |

ST. CECELIA CHAPTER, I. O. D. E.

During the year the members of this chapter have been pleased to take monthly treats to the patients of St. Cecelia Ward.

Ten of these treats consisted of cigarettes, Spanish onions, radishes, sandwiches, cookies, and fruits in season. Two were full course dinners; one given on Hallowe'en and the turkey dinner during the first week of January. Three musical programs were given, one in July, one in October, and one in January.

In April 2 pianos were donated to the Sanatorium and 3 pianos tuned. In July a large plaque of the Coat of Arms was placed in St. Cecelia Ward and at Xmas 3 I.O.D.E. calendars were placed in our Ward.

January 12th, 1928

(MRS. N. D.) IDA BUTLER,

Secretary.

To the President and Members

of

The Hamilton Health Association:

I hereby submit the report of The Catholic Women's League re Sanatorium, for the year ending Dec. 31st, 1927.

During the year forty visits were made to the adult patients at the Orchard and the Brow, when candies, fruit, gum, smokes and magazines were distributed.

On four occasions a treat of ice cream or orange drip was sent.

At Christmas 305 special packages were made up consisting of two bars of toilet soap and a wash cloth for the ladies and cigarettes, smoking tobacco, matches and note paper for the men, a personal greeting card was enclosed in each package. In addition to this all the patients received a Christmas paper satchel containing candies and the Catholic patients received religious articles and literature.

One of our members, Mrs. John Dining, teaches French every Wednesday to some of the patients at the Brow, she also supplies the necessary books.

Our Junior League gave two concerts and every Sunday they visit the Catholic children at the Preventorium, providing treats and giving religious instructions. Each one of these children received a religious gift at Christmas and in January a tree loaded with goodies is given for all the children.

In conclusion I wish to thank the staff at the Sanatorium for their cordial co-operation.

THE CATHOLIC WOMEN'S LEAGUE,
Mrs. J. J. M. Sweeney,
Sanatorium Visiting Convenor.



Report of Canadian Business Women's Club of Hamilton

Mr. President, Ladies and Gentlemen:

It is a pleasure to report to you the work the Canadian Business Women's Club are doing at the Mountain Sanatorium, and particularly for the year 1927.

At our Annual "Happiness Fund Drive" in March, our members, together with a few kind friends, voluntarily and gladly contributed \$661.32 to carry on this service. Of this amount \$637.00 was paid in salaries to our teachers of vocational work, Miss Berry, and our teacher of typewriting and shorthand, Miss Ford.

Our vocational teacher teaches two full days a week and is of service to over one hundred women and girls. Their activities include making leather articles, such as bags, wallets, purses, book covers and flowers, and to give you an idea of the amount of this work accomplished by the patients under the supervision and direction of Miss Berry, over \$300.00 was expended for the purchase of leather with which to make the above articles. Other work taught is embroidery of all kinds, Italian cut work and hemstitching, tinting of cards, flowers made from organdy, and many things made with wool. The patients enjoy the wide variety in the work and display considerable artistic ability both in design and the execution of the articles made.

Miss Ford teaches shorthand and typewriting two half days a week and reports that the girls are taking a keen interest in this study. Owing to the nature of this work, however, only those who are strong enough to be about part of the day, are able to undertake it.

We wish to thank Dr. Holbrook, Nurse Cameron and Miss MacLean for the kindness and co-operation they have extended to our teachers in carrying on their mission.

The members of our Club are not only generous with their funds, but also with their time, two members visiting the "San. Girls" each Saturday afternoon throughout the year, distributing magazines, candy, fruit, etc., and having a friendly chat, thus giving the personal touch which is mutually helpful.

In order to keep pace with the ever increasing fields of endeavor and opportunities that present themselves to us, it is our desire, not only to increase our membership, but to continue to create a still deeper interest in this phase of our Club life.

It is a great pleasure to us to feel that we have a share in bringing a measure of sunshine and interest into the lives of women and girls who are for the time being, incapacitated, and we wish them to feel that we are ready to render them any service that lies within our power.

In conclusion may we wish you all-

A bright New Year and a sunny track Along an upward way, And a song of praise on looking back,

When the year has passed away;
And golden sheaves, nor small, nor few—
This is our New Year wish for you.

A. BEATRICE MARSH,

President.

December 31st, 1927.

Report of the Ladies' Aid of St. Paul's United Church, Dundas

Mrs. James Irvine, Convenor of our Sanatorium Committee has visited the Institution each month, taking the boys homemade cookies, candy, fruit, ice cream and magazines.

We have carried on this work now for the last eight years and can truly say it has been a real pleasure.

THYRA FINLAYSON,

Secretary.

Report of Occupational Therapy Department

The Occupational Therapy Department of the Sanatorium is a continuation of activities of the Department of Soldiers' Civil Re-Establishment and has been carried on since 1922 under the Ladies' Auxiliary Board of the Hamilton Health Association.

Occupational therapy is considered a part of the successful treatment of tuberculosis, as it helps the mental attitude of the patient. The period of convalescence is of long duration and the value of this work is shown by the fact that the patients are usually anxiously waiting for the doctor's permission to work long before they are able to have it. It is also a help financially to a great number who through the sale of the articles made by them, are able to provide themselves with little necessities and in some cases are also able to help with home difficulties.

Our staff is small, which is naturally a drawback to the work, considering the number of patients instructed and the detail and amount of preparation necessary. Often the good done can be undone by being unable to satisfy the patient who is desirous of occupation. It also makes it difficult to teach new crafts, or to go very extensively into those taught which is most necessary where the craft is to become a vocation. However, we have been able to add at least one new craft each year. The most popular of these, both with the patients and the public are: raffia work, rug making, leather work, chair caning, and rush seating.

During the past year our staff has consisted of one full time and one part time aide. At the end of the year we have an average of:

60 patients working under our instruction.

8 patients waiting for material and instruction.

15 patients being supplied with material.

Of this total, 40 are bed patients, requiring individual bedside instruction and preparation; the balance are able to come to the work room, which is often over-crowded.

Our sales for the year total \$1,813.84, out of which the sum of \$1,330.61 has been paid to the patients. This includes money orders sent to 27 patients who have left the San. We are in touch with gift shops in a number of cities, both in Ontario and the West, which enables us to dispose of much of the work. We wish to thank the Junior Health League, Miss Christie and her Sunday School Class, and the nurses of the Public Health Department, Toronto, for their kind assistance in holding sales and helping to realize the above amount. We would also thank The G. W. Robinson Company, The Hydro Shop, the T. Eaton Company, and the local theatres for their kindness in allowing us space in their stores to carry on and advertise our sales.

Respectfully submitted,

K. E. LAND.

Explanation of Membership in the Hamilton Health Association

The Hamilton Health Association is the Citizens' organization which supports and operates the Mountain Sanatorium for the treatment of pulmonary tuberculosis, popularly known as "The San." The San owes its wonderful success and rapid development to the interest and generosity of the citizens of Hamilton. Probably there is not a single family in Hamilton whose members have not at some time contributed freely in aid of the San.

One of the most popular and practical ways of aiding this institution in its great work is to become a member of the Hamilton Health Association. In the following paragraphs we describe the different types of membership. Select that one best suited to your means, and determine that the San is an institution you can afford to support year after year. In making application for membership or in renewing your membership, kindly address all correspondence and mail checks to the Secretary, the Mountain Sanatorium, Hamilton.

ASSOCIATE MEMBERSHIP

Annual fee \$5.00. An Associate Membership entitles you to all reports and admission to general meetings.

ACTIVE MEMBERSHIP

Annual fee \$10.00. Such a membership enables you to take an active and helpful part in the San's war against the "White Plague." Every Active Member is a voting member as well as receiving all reports, admission to general meetings, etc.

SUSTAINING MEMBERSHIP

Annual fee \$50.00. This offers the man and woman of means an opportunity to help the San in a substantial way. While the San receives aid from the City and Government, it still depends largely on voluntary subscriptions. Since its

beginning in 1906, the San has received over \$200,000 in subscriptions, otherwise it could not have developed to its present proportion, and have carried on its work so effectively. Every "Sustaining Member" is a voting member, as well as receiving all reports, admission to general meetings, etc.

ANNUAL ENDOWMENT—BED

\$548.00 endows a bed for a year. Most of the patients cannot afford to pay their way, and the City can only assist those who have lived in the city for the previous twelve months. Very often young men and women, virtually Hamilton citizens, but for whom the city may not hold itself responsible, apply for treatment. If treatment is delayed the chance of recovery in these cases may be lost, so the San cares for them free of charge. This presents an opportunity to well-to-do families or individuals, business houses, manufacturers, societies, clubs or fraternal organizations to give very real help to needy individuals.

List of Donations to New Infirmary

Basket of fruit for each patient, Thavendanegea Chapter, I.O.D.E., Burlington.

Sweaters and underwear, Carry on League.

Cigarettes, Mr. Gordon Wilson,

Underwear and overcoat, Anon, Beamsville.

Balsam Pillow, books, candies, smokes, calendars, Remembrance Chapter, I.O.D.E., Brantford.

Magazines, Mr. O'Neil, 83 Picton St. East.

Victrola Records, Mrs. A. C. Skelton and Mrs. Geo. H. Craig.

Books, Mr. Demon, 82 Kensington Ave. North.

Magazines, Miss Edgar, 274 Bay St. South.

Papers, Mrs. Wilcox.

Books, Mr. Dingle and Mr. Burbridge, Ancaster.

12 quarts marmalade, books, Miss Jerymn, 134 Jackson St. West.

Magazines, Mrs. Hendrie.

Magaznies, Mrs. Walker, 63 Homewood Ave.

Flowers, Lady Allenby.

Cigarettes and jelly, Catholic Women's League.

Parcels for three patients, Miss Reid, 40 West Ave. South.

Flowers, Sharples Florists.

Parcels for seven patients, Thavendanegea Chapter, I.O.D.E., Burlington.

Baskets of filit, Paardeburg Chapter, I.O.D.E.

Fruit, Mrs. Wm. Lang, Ancaster. Tobacco and cigarettes, Anon.

Magazines and cards, Gen. Mewburn.

Subscriptions to magazines, Sunshine Club. Magazines, Mr. and Mrs. C. V. Langs. Victrola Records, Mrs. Geo. Husband.

Candies, Technical School. Candies, Col. J. J. Grafton. Case of wine, Mrs. S. Daw.

Parcels, Never Weary Club.

Flowers, Mrs. Ostler.

Parcels, St. Andrew's Society.

Smokes, Mrs. Hendrie.

Jelly and smokes, Catholic Women's League. Parcels, Dufferin Rifles Chapter, Brantford.

Cards, Mrs. A. C. Skelton.

Dressing gowns, pyjamas, caps and socks, Canadian Red Cross.

Victrola records, parcels, Mrs. Wm. Southam.

Magazines, Mr. A. C. Skelton. Canned Fruit, W. C. T. U.

Metal Head Rest, Centennial Club.

Linen pieces for Communion Set, Miss S. Weir.

Magazines, Dr. and Mrs. R. McClenahan.

Hot Cross Buns, Max Ellenzweig, 71 West Ave. North.

Hot Cross Buns, Newports Confectionery.

Magazines, Mrs. VanSickle, Charlton Ave. West.

Papers, James Jolley, 124 Duke St.

Books, Mrs. Lennard Dundas,

Curtains, footstool, tray, table, Elco Club. Solar Laryngoscope, Centennial Club.

Thirty small vases from Mrs. S. O. Greening. Magazines, Archdeacon Mackintosh, Dundas.

Ginger Ale and Grapejuice, Mrs. Wm. Southam.

Twelve large pictures, Rotary Club.

Magazines, Saturday Evening Post, Mr. Strong, 430 Charlton W.

27 small pictures, Rotary Club. Magazines, Gen. Mewburn.

Ice cream, Ladies' Aid, United Church, Dundas,

Magazines, Mrs. A. C. Skelton.

Magazines, Mrs. Clarke, 376 Ottawa St.

Two typewriters, Spectator.

Baskets of fruit for each patient from Thavendanegea Chapter, LO.D.E.

DONATIONS TO PREVENTORIUM

Men's Brotherhood, Charlton-Westmount United Churches, case of oranges.

Bernard Hartam & Bertram Kaplansky, funny papers.

Robert Duncan Co., games.

Miss M. Ladd, valentines. Mrs. Martyn Passmore, drive.

Kiwanis Club, drives.

Women's Catholic League, ice cream Dixies and orange drip.

Kiwanis Club, 5 dozen pair bathing trunks.

McIlwraith Daily Vacation Bible School, quilt and scrap books.

Mildred Foster, books.

Mrs. Lumsden, doll's house.

Mrs. S. H. Alexander, picture for Children's Dining Room.

Kiwanis Club, Chataugua desk.

Mr. E. L. Dauphin, Chataugua desk.

CHRISTMAS DONATIONS

Sterling Rubber Co., Guelph, balloons.

Knights of Columbus, 1 case apples and 1 case oranges.

R. K. Hope, 2 cases oranges.

Mrs. Trebilcock, 5 dolls.

Balfour, Smye & Co., 25 lbs. nuts.

Mrs. Frazer, 12 pair socks. Mrs. Ingersoll Olmstead, Victrola and records.

St. George's Church, presents for children.

Lincoln Loyalist Chapter, I.O.D.E., Grimsby, 2 suits children's pyjamas.

Bert Irving, candies for children.

St. Hilda Chapter, I.O.D.E., clothing and kimonas for children.

Kiwanis Club, honeydew.

Buchanan Lodge, A.F. & A.M., toys, candy, tobacco.

Room 467, Technical School, candy.

Mr. Walker, candy.

Children's Mission Band, Central Presbyterian Church, scrap books. Mrs. Harding, oranges.

Erskine Mission Band, candy.

Miss Frances Ford, Chataugua roll and book.

Mr. Laughlin, Christmas cards.

I. Ellenzweig, candy.

Mills Hardware Co., toys.

Apple Blossom Club, candy, nuts and oranges.

T. Eaton Co., candies, nuts and oranges.

Mr. Tyson, candy.

Mizpeh Chapter, O.E.S., party for children with presents. 67th University Battery Chapter, I.O.D.E., concert for children,

tovs.

Sanatorium Club of Bell Telephone Co., gifts for Empire Pavilion. Corinthian Lodge, A.F. & A.M., gifts for patients.

St. Andrew's Society, gifts for Scotch patients.

Catholic Women's League, gifts for all patients. Centenary United Church, gifts for patients.

Malcolm Crerar Chapter, writing paper and fruit.

Mrs. Anderson, candy and nuts.

Gwen Emerson, sweaters.

Mrs. Cameron and Miss Reynolds, pajamas and underwear.

The Pilgrim Church, candies and nuts.

Mr. Candron, books.

DONATIONS TO ORCHARD SANATORIUM

Richard Richmond, Victrola records.

Copetown Women's Institute, 13 jars fruit.

Miss Jermyn, 24 jars fruit.

Mrs. Wall, Victrola records and needles.

John McPherson Shoe Co., shoe laces.

C. W. Graham, refrigerator. W. H. Lovering, refrigerator.

Dominion Flour Mills, 2 bags flour.

Mrs. New, canned fruit.

Mrs. C. S. Wilcox, "Gestetner" Duplicator.

Miss Edwards, 8 volumes Dent's Histories.

Elco Club, bedside table.

I. H. Jackson, Port Dover, setting of eggs.

A Friend, 50 pair bed socks.

United Typewriter Co., typewriter. Mrs. Mallory, loan of a typewriter.

Miss Ethel Ambrose, pears. Mrs. Adam Inch, plums.

McNab St. Presbyterian Church, fruit and flowers.

St. Peter's Sunday School, fruit and jelly.

St. Thomas Church, 10 baskets fruit.

Win One Club, Toronto, candy, fruit and flowers.

C. W. Graham, horse, wagon and harness.

Centenary United Church S. S., 24 subscriptions to "Onward."

Mrs. S. O. Greening, 60 flower vases.

South Wentworth Women's Institutes, 60 jars fruit and pickles. John A. Bruce & Co., 1,000 tulip bulbs.

Mrs. G. M. Echlin, fruit and pickles.
Mrs. Doolittle, pair of walnut candlesticks.
Iris Chapter, O.E.S., three bed lights.
Pythian Sisters, 60 bricks of ice cream.

C. W. Graham, Victrola records.

Eastdale Ladies' Aid, 20 sets radio ear phones.

Malcolm Crerar Chapter, I.O.D.E., regular visits and treats for patients.

St. Hilda's Chapter, I.O.D.E., regular visits and treats for patients. St. Cecilia Chapter, I.O.D.E., regular visits and treats for patients. Women's Catholic League, regular visits and treats for patients. Patricia Branch, Women's Institute, Canned fruit and jam.

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| Hamilton Trades & Labor Council | 10 00 |
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| Mrs. M. Nesbitt, Toronto | 10:00 |
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| District No. 6, O.E.S. | 15 00 |
| Miss Catherine Leggett | 35 00 |
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| Mrs. W. A. Holton | 25 00 |
| Case Ladies' Aid, Glanford Station | 25 00 |
| Mrs. Hendrie | 25 00 |
| Hamilton Retail Grocers' Association | 48 00 |
| Mrs. George Lynch-Staunton | 25 00 |
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| Dundurn Lodge, A.F. & A.M. Margaret E. Elliott Binbrook Chapter, No. 117, O.E.S. Anonymous Anonymous G. W. Robinson Co. | 25 00 5 00 5 00 1 00 7 00 50 00 |
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| Hamilton Medical Orchestra | 50 00 |
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| A Friend | 5 00 |
| Charlton Avenue S. S. | 50 00 |
| Health Sentinels J. R. C., Stinson St. School | 2 00 |
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| Kiwanis Club | 70 00 500 00 |
| Mrs. Orloff Carrick, Hagersville | 5 00 |
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| Canadian Millers' Mutual Fire Insurnace Co. | 50 00 |
| Miss Frances G. Gerry, Toronto | 10 00 |
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| A. T. Wood B. R. Wood | 25 00 25 00 |
| U I Drawn Toronto | 10 00 |
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| Electric Lodge, No. 495, A.F. & A.M. | 25 00 |
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| Ladies' Auxiliary Board (for food carriers) | 218 00 |
| Ladies' Auxiliary Board (for two Alpine lamps) | 836 00 |
| Ladies' Auxiliary Board (for recovering comforters) St. Elizabeth Chapter, linen for the year to value of | 99 00 2,612 81 |
| St. Enzabeth Chapter, linen for the year to value of | 2,012 61 |

REQUESTS

| Estate, Margaret McHendrie\$ | 500 00 |
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| Estate, Julia Laking | 500 00 |
| Estate, Walter Woods | 500 00 |
| Estate, Mary Morton | |
| Estate, Margaret Morton | 100 00 |
| Estate, Thomas Pugh | |
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| Estate, John A. Bruce | 1,000 00 |
| Balance of Estate, Mrs. Frances E. C. Wood | 911 80 |

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| Canadian Westinghouse Co. | 200 | |
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| Dominion Power & Transmission Co. | 100 | |
| Dominion Sheet Metal Corporation | 25 | |
| Dow, H. and J. | 25 | |
| Dowswell, Lees & Co. | 25 | |
| Gage, Cameron | 25 | |
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| | 25 | |
| Letter Carriers' Association, Post Office | 19 | |
| Mostring Mrs E | 25 | |
| Meakins, Mrs. E. Merrick, F. A. | | |
| | 20 | 00 |
| Parke & Parke | | 0 0 |
| Patterson, Thomas | | |
| Peebles, Chas. D. | | |
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| Richardson, Smith & Ferrie | 30 | |
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Summary of Paper on Hilum Tuberculosis

By Randall Clifford, M.D., in September 16, 1926 Issue, Boston Medical and Surgical Journal.

- (1) The diagnosis of hilum tuberculosis is difficult and should be made guardedly.
- (2) Frequent examinations and observations of the child over long periods of time are often necessary before a definite diagnosis can be made.
- (3) Before making a diagnosis, the following conditions must be present:
 - (a) A definite history of exposure.
 - (b) A positive tuberculin test.
 - (c) Definite constitutional signs and symptoms, denoting tuberculous toxemia, the most important of these being fatigue, malnutrition, underweight, lassitude and nervous irritability.
 - (d) Evidence by X-ray of enlarged hilum glands.
 - $\left(e\right)$ Physical signs indicating enlargement of the bronchial glands.

The most important of these, in my opinion, are the constitutional signs and symptoms.

(4) If the evidence warrants a definite diagnosis, do not hesitate to place the child immediately under treatment. If the evidence does not warrant a definite diagnosis, but there are sufficient facts to make one suspicious, keep the child under very strict observation.

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| | Saturday for school children only, 9 a.m. |
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| | Third Monday of each month |
| Simcoe | Second Monday of each month |
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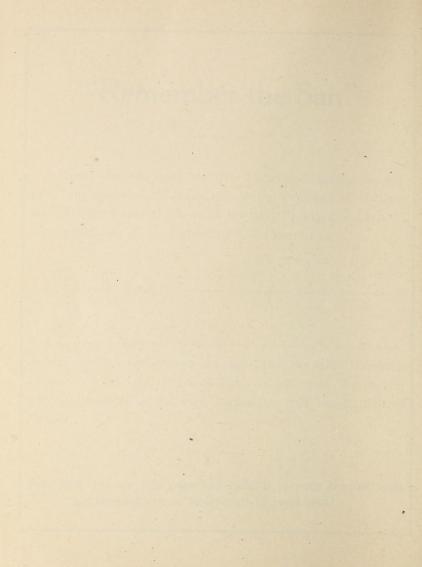
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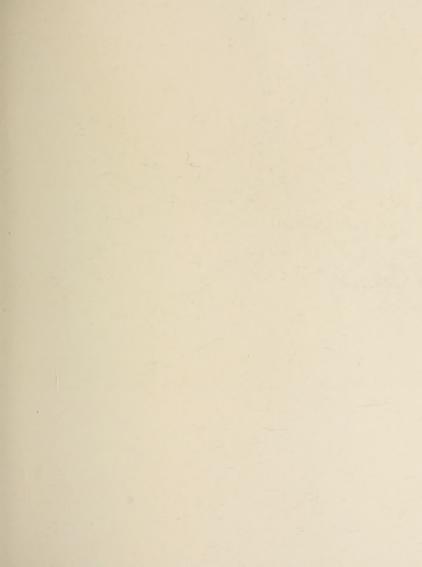
| I give and bequeath to The Hamilton Health Asso | Cla- |
|---|------|
| tion," incorporated, of Hamilton, in the Province of Onta | rio, |
| incorporated under the laws of the said Province of Onta | rio, |
| on the 30th day of December, 1905, the sum of | |
| | |
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| | |

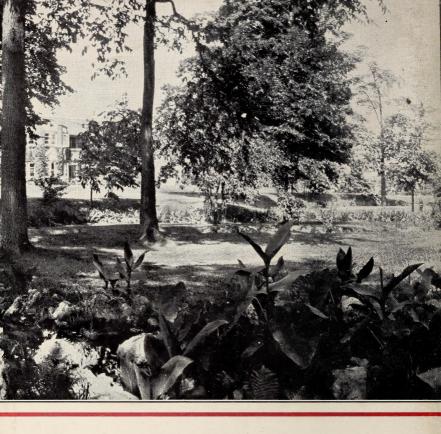
dollars: to have and possess the same unto the said "Hamilton Health Association," for Anti-Tuberculosis work, its successors and assigns to the uses, disposition and benefit thereof forever.

Why not tear out this page and hand it to your lawyer, with instructions to embody it in your will?









A view of the Sunken Garden at the Brow.

